

云南虎尾草属一新种

孙必兴 胡志浩

(云南大学生物系)

A NEW SPECIES OF CHLORIS SW. FROM YUNNAN

SUN BI-SIN HU ZHI-HAO

(Department of Biology, Yunnan University)

异序虎尾草 新种 图1

Chloris anomala B. S. Sun et Z. H. Hu, sp. nov.

Species sub anthesi spicis radiatiformibus patentibus, flosculis primis lateraliter comoressis, lemmatibus glabris inter species sinenses facile distinguenda.

Gramen perenne, stoloniferum. Culmi erecti vel geniculati, laeves, glabri, interdum purpurelli, 35—60 cm alti, 2—3 mm diam., 2—4-nodes, nodis glabris, brunneolis. Foliorum vaginae glabrae, leviter compressae, dorso carinataeque; ligulae scariosae, 3—4 mm altae, ad apicem lobulatae et albo-ciliolatae; laminae lineari-oblongae, 3—16 cm longae et 3—5 mm latae, utrimque glabrae, apice obtusae, saepe mucronatae. Spicae 7—11, ad apices culmorum digitatae vel interdum inter se distantes, 5—9 cm longae, per anthesin radiatiformes; rhachis 0.3—0.4 cm lata, medio alba, utrinque viridis, margine puberula; spiculae biflorae, 2.4—3.2 mm longae et 1 mm latae, ovato-lanceolatae, subsessiles, lateraliter compressae; glumae duae, subulatae, herbaceae, paulo curvulae, semper purpurellae, uninerves, carina scaberulae, post anthesin persistentes, prima 1—1.6 mm longa, secunda 2—3.2 mm longa; flosculus primus bisexualis; lemma anguste ovatum, glabrum, crassiusculum, scabriusculum, dilute lateraliter compressum, 3-nerve, nervibus lateralibus prope margines saepe obscuris, apice bilobatum, e sinu aristatum; arista 9—24 mm longa, scabriuscula, semper purpurella; palea tenuiter membranacea, lemma aequans, 2-nervis; callus flosculorum primorum barbatus, barbis 0.3—0.8 mm longis; stamina 3, antheris purpureis 0.5 mm longis; stigmata 2, purpurea; ovaria teretia, c. 1 mm longa; flosculus secundus valde reductus, tantum reliquiis lemmatis praeditus; lemma ovato-lanceolatum, 0.3—0.8 mm longum, apice aristatum; arista 3—7 mm longa, erecta.

Yunnan (云南): Luxi (潞西), prope Mansham, Jul. 10, 1956, Yunnan Univ. Exped. (云大采集队) 83; ib., 1400 m. s. m., Jun. 30, 1977, Yunnan Univ. Exped. (云大采集队) 77097; Yongde (永德), 1450 m. s. m., Sept. 9, 1979, Yunnan Univ. Exped. (云大采集队) 790301; Gengma (耿马), Mengding (孟定), 480 m. s. m., Oct. 1, 1979, Yunnan Univ. Exped. (云大采集队) 790523; Ximeng (西盟), 1100 m. s. m., Oct. 25, 1979, Yunnan Univ. Exped. (云大采集队) 790727 (模式 Typus in Herb. Univ. Yunnan. servatus); Bijiang (碧江), 1050 m. s. m., May. 31, 1978, Bijiang Exped.

(碧江队) 0309; Jinghong (景洪), 600 m. s. m., Sept. 19, 1978, Guo Shao-rong (郭绍荣) 78096; Luchun (绿春), 500 m. s. m., Jun. 16, 1976, Zhu et Sun (朱、孙) 6683。

我国产的虎尾草属植物中, 本种穗状花序辐射展开, 第一小花两侧压扁, 外稃无长柔毛等特征, 极易识别。

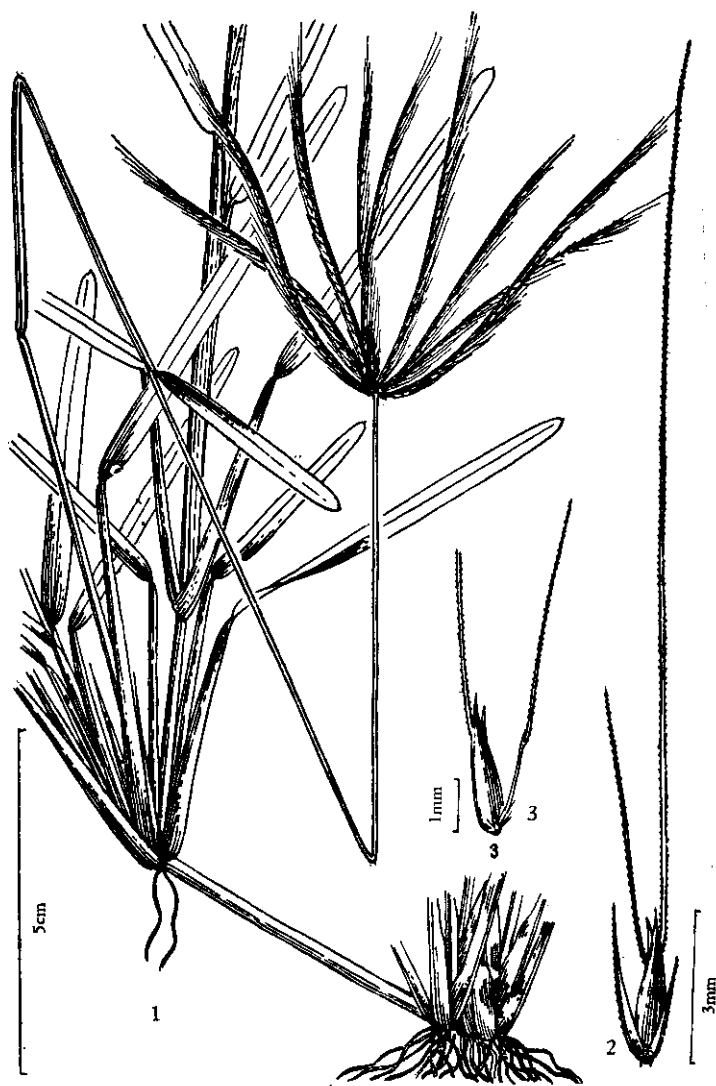


图1 异序虎尾草 *Chloris anomala* B. S. Sun et Z. H. Hu

1. 植株; 2. 小穗; 3. 小花(紧靠第1小花的小穗轴及退化了的第2小花已被拉开)。(张迦得绘)